

ABSTRACT

A wireless router device includes a wireless transmission circuit coupled to a processor unit, for communicating with various network systems. A coupler is coupled to the processor unit, a
5 telecommunication card may be selectively plugged to the coupler to allow wireless transmission or telecommunication signals to be transmitted between the processor unit and telecommunication stations. A network device may be coupled to the processor unit, for communicating the processor unit with end users. The wireless
10 router device may be coupled to various telecommunication systems, such as GPRS, PHS, CDMA, WAP, 3G, DECT, or UMTS systems, etc. via various cards.